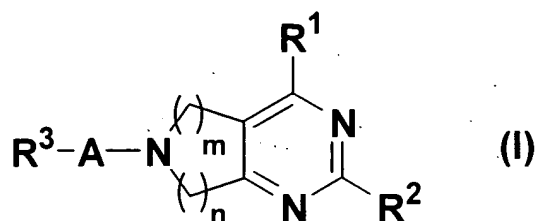


b.) Amendment to the Claims:

1. (Original) A bicyclic pyrimidine derivative represented by following

Formula (I):



{wherein

m and n may be the same or different, and each represents an integer of 1 to 3 wherein m + n is 4 or less;

R<sup>1</sup> represents

-NR<sup>4</sup>R<sup>5</sup> (wherein

R<sup>4</sup> and R<sup>5</sup> may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted arylcarbonyl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl or substituted or unsubstituted heteroalicyclic-substituted alkyl, or R<sup>4</sup> and R<sup>5</sup> are combined together with the adjacent nitrogen atom to form a substituted or unsubstituted heteroalicyclic group, provided that R<sup>4</sup> and R<sup>5</sup> are not simultaneously hydrogen atoms, and that when one of R<sup>4</sup> and R<sup>5</sup> is a hydrogen atom, the other of R<sup>4</sup> and R<sup>5</sup> is neither a substituted or unsubstituted pyrazol-3-yl nor a substituted or unsubstituted 1,2,4-triazol-3-yl);

$R^2$  represents

(i)-B-(CX<sub>2</sub>)<sub>p</sub>-R<sup>7</sup> [wherein

B represents -O-, -CH=CH-, -C≡C- or phenylene;

p represents an integer of 1 to 4;

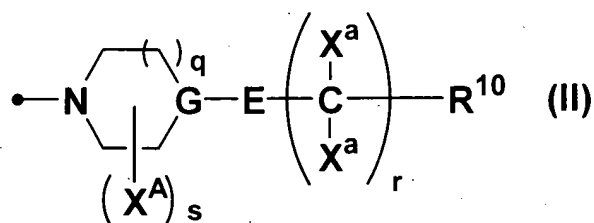
Xs may be the same or different respectively, and each represents a hydrogen atom, substituted or unsubstituted lower alkyl or halogen; and

$\mathbf{R}^7$  represents

-NR<sup>8</sup>R<sup>9</sup> (wherein

R<sup>8</sup> and R<sup>9</sup> may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl or substituted or unsubstituted heteroalicyclic-substituted alkyl), a substituted or unsubstituted heteroaromatic group or a substituted or unsubstituted heteroalicyclic group];

(ii) Formula (II):



[wherein

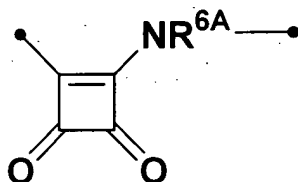
r represents an integer of 0 to 4;

s represents a number ranging from 0 to a substitutable number;

G represents a nitrogen atom, CH, C(OH), C(CO<sub>2</sub>H) or C(CN);

q represents an integer of 1 or 2 when G is a nitrogen atom, and q represents an integer of 0 to 2 when G is CH, C(OH), C(CO<sub>2</sub>H) or C(CN);

E represents a single bond, -C(=O)-, -O-, -CH(OH)-, -CH<sub>2</sub>CH(OH)-, -C(=O)O-, -C(=O)NR<sup>6</sup>- (wherein R<sup>6</sup> represents a hydrogen atom, substituted or unsubstituted lower alkyl or substituted or unsubstituted cycloalkyl) or



(wherein R<sup>6A</sup> has the same meaning as R<sup>6</sup> defined above), and E is bonded to G at the left side in each group;

X<sup>A</sup> represents substituted or unsubstituted lower alkyl or halogen, or two X<sup>A</sup>'s on the same carbon atom are combined together to form oxo, wherein respective X<sup>A</sup>'s may be the same or different when s is 2 or more;

X<sup>a</sup> has the same meaning as X defined above, where respective X<sup>a</sup>'s may be the same or different when r is 1 or more; and

R<sup>10</sup> represents

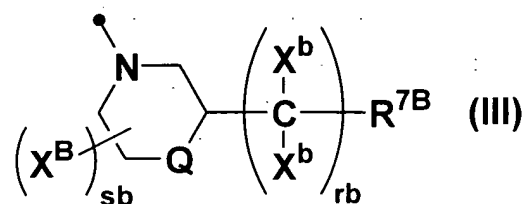
-NR<sup>8A</sup>R<sup>9A</sup> (wherein

R<sup>8A</sup> and R<sup>9A</sup> may be the same or different and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl,

substituted or unsubstituted lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl, substituted or unsubstituted heteroalicyclic-substituted alkyl, imino-(lower alkyl) or substituted or unsubstituted amidino),

a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted lower alkoxy, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted aralkyl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl or substituted or unsubstituted heteroalicyclic-substituted alkyl];

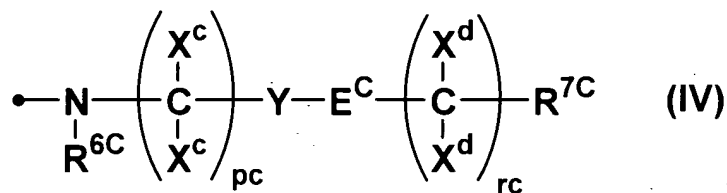
(iii) Formula (III):



[wherein  $sb$ ,  $rb$ ,  $X^B$ ,  $X^b$  and  $R^{7B}$  have the same meanings as  $s$ ,  $r$ ,  $X^A$ ,  $X^a$  and  $R^7$  defined above, respectively; and

Q represents  $-O-$ ,  $-S-$ ,  $-CH_2-$  or  $-NR^{6B}-$  (wherein  $R^{6B}$  has the same meaning as  $R^6$  defined above)] or

(iv) Formula (IV):

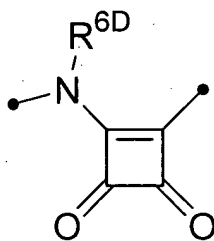


[wherein pc, rc, E<sup>C</sup>, X<sup>c</sup>, X<sup>d</sup> and R<sup>6C</sup> have the same meanings as p, r, E, X, X<sup>a</sup> and R<sup>6</sup> defined above, respectively;

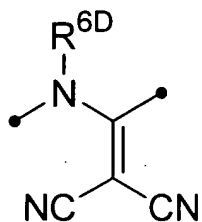
R<sup>7C</sup> represents -NR<sup>8</sup>R<sup>9</sup> (wherein R<sup>8</sup> and R<sup>9</sup> have the same meaning as defined above, respectively), a substituted or unsubstituted heteroaromatic group or a substituted or unsubstituted heteroalicyclic group; and

Y represents a single bond, -O- or -NR<sup>6D</sup>- (wherein R<sup>6D</sup> has the same meaning as R<sup>6</sup> defined above)];

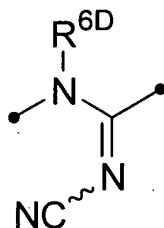
A represents a single bond, -C(=O)-, -SO<sub>2</sub>-, -NR<sup>6D</sup>C(=O)- (wherein R<sup>6D</sup> represents a hydrogen atom, substituted or unsubstituted lower alkyl or substituted or unsubstituted cycloalkyl, or is combined together with R<sup>3</sup> and the adjacent nitrogen atom to form a substituted or unsubstituted heterocyclic group), -NR<sup>6D</sup>C(=S)- (wherein R<sup>6D</sup> has the same meaning as defined above),  
-OC(=O)-, -OC(=S)-, -SC(=O)-, -SC(=S)-,



(wherein R<sup>6D</sup> has the same meaning as defined above),

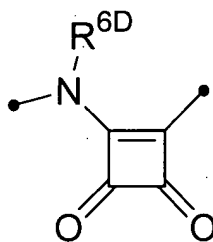


(wherein  $R^{6D}$  has the same meaning as defined above) or

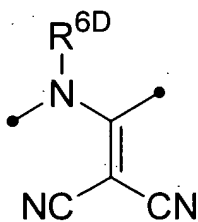


(wherein  $R^{6D}$  has the same meaning as defined above), and A is bonded to  $R^3$  at the left side in the each group; and

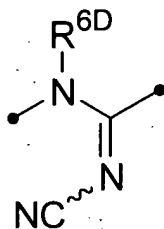
(a) when A is a single bond,



(wherein  $R^{6D}$  has the same meaning as defined above),



(wherein  $R^{6D}$  has the same meaning as defined above) or



(wherein  $R^{6D}$  has the same meaning as defined above),

$R^3$  represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl or substituted or unsubstituted heteroalicyclic-substituted alkyl, and

(b) when A is  $-C(=O)-$ ,  $-SO_2-$ ,  $-NR^{6D}C(=O)-$  (wherein  $R^{6D}$  has the same meaning as defined above),  $-NR^{6D}C(=S)-$  (wherein  $R^{6D}$  has the same meaning as defined above),  $-OC(=O)-$ ,  $-OC(=S)-$ ,  $-SC(=O)-$  or  $-SC(=S)-$ ,

$R^3$  represents substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted lower alkenyl, substituted or unsubstituted lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heteroaromatic group, a substituted or unsubstituted heteroalicyclic group, substituted or unsubstituted heteroaromatic-substituted alkyl, substituted or unsubstituted heteroalicyclic-substituted alkyl or  $-NR^{8B}R^{9B}$  (wherein  $R^{8B}$  and  $R^{9B}$  have the same meanings as  $R^8$  and  $R^9$  defined above, respectively)}, or a quaternary ammonium salt thereof, or a pharmaceutically acceptable salt thereof.

2. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim 1, wherein n is 2; and m is 1.

3. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim 1, wherein n and m are 2.

4. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of claims 1 to 3, wherein  $R^4$  is a hydrogen atom; and  $R^5$  is substituted or unsubstituted aralkyl.

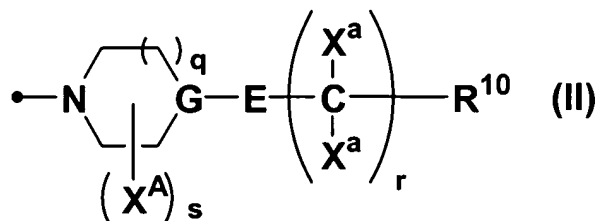
5. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claims 1 to 3, wherein  $R^4$  is a hydrogen atom; and  $R^5$  is substituted or unsubstituted cycloalkyl.

6. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 5~~ claim 3, wherein  $R^2$  is  $-B-(CX_2)_p-R^7$  (wherein p, X, B and  $R^7$  have the same meanings as defined above, respectively).



8. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~claim 6 or 7~~ claim 7, wherein A is -C(=O)- or a single bond.

10. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of claims 1 to ~~5~~ 3, wherein R<sup>2</sup> is Formula (II):



- 16 -

11. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim 10, wherein s is 0.

12. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim ~~10~~ or 11, wherein q is 1 or 2.

13. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 10 to~~ claim 12, wherein X<sup>a</sup> is a hydrogen atom.

14. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 10 to~~ claim 13, wherein R<sup>10</sup> is -NR<sup>8A</sup>R<sup>9A</sup> (wherein R<sup>8A</sup> and R<sup>9A</sup> have the same meanings as defined above, respectively), a substituted or unsubstituted heteroaromatic group or a substituted or unsubstituted heteroalicyclic group.

15. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 10 to~~ claim 14, wherein R<sup>3</sup> is substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl or a substituted or unsubstituted heteroaromatic group.

$$\begin{array}{c} \bullet \\ | \\ \text{N} \\ | \\ \text{---} \text{C} \text{---} \text{C} \text{---} \text{Q} \text{---} \text{C} \text{---} \text{R}^7 \text{B} \\ | \quad | \quad | \quad | \\ \text{X}^{\text{B}} \quad \text{X}^{\text{B}} \quad \text{X}^{\text{b}} \quad \text{X}^{\text{b}} \\ \text{---} \quad \text{---} \quad \text{---} \quad \text{---} \\ \text{s} \text{ b} \quad \text{r} \text{ b} \end{array} \quad (11)$$

17. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim 16, wherein sb is 0.

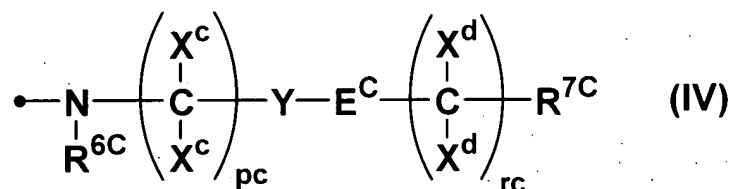
19. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 16 to claim 18~~, wherein X<sup>b</sup> is a hydrogen atom.

20. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 16 to~~ claim 19, wherein R<sup>7B</sup> is a substituted or unsubstituted heteroalicyclic group.

21. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 16 to~~ claim 20, wherein A is -C(=O)- or -NHC(=O)-.

22. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 16 to~~ claim 21, wherein R<sup>3</sup> is substituted or unsubstituted lower alkyl or substituted or unsubstituted cycloalkyl.

23. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 1 to 5~~ claims 1 to 3, wherein R<sup>2</sup> is Formula (IV):



(wherein pc, rc, Y, E<sup>C</sup>, X<sup>c</sup>, X<sup>d</sup>, R<sup>6C</sup> and R<sup>7C</sup> have the same meanings as defined above, respectively).

24. (Original) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim 23, wherein X<sup>c</sup> and X<sup>d</sup> are hydrogen atoms.

25. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to claim ~~23 or~~ 24, wherein A is -C(=O)- or -SO<sub>2</sub>-.

26. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 23 to 26~~ claim 25, wherein R<sup>3</sup> is substituted or unsubstituted lower alkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl or a substituted or unsubstituted heteroaromatic group.

27. (Currently Amended) The bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to ~~any of claims 1 to~~ claim 26, wherein the quaternary ammonium salt is a quaternary ammonium salt formed by the addition of Z-Hal (wherein Z represents substituted or unsubstituted lower alkyl or substituted or unsubstituted lower alkenyl; and Hal represents a halogen) to any nitrogen atom in R<sup>7</sup>, R<sup>7B</sup>, R<sup>10</sup> or R<sup>7C</sup>.

28. (Currently Amended) A pharmaceutical composition which comprises, as an active ingredient, the bicyclic pyrimidine derivative, or the quaternary ammonium

salt thereof, or the pharmaceutically acceptable salt thereof according to any of claims 1 to ~~27~~ 3 and a pharmaceutically acceptable excipient.

Claims 29-38 (Cancelled).

39. (Currently Amended) A method for treating and/or preventing inflammation, which comprises administering an effective amount of the bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 27~~ claims 1 to 3.

40. (Currently Amended) A method for modulating the function of TARC (CCL17) and/or MDC (CCL22), which comprises administering an effective amount of the bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 27~~ claims 1 to 3.

41. (Currently Amended) A method for treating and/or preventing a disease which is related to TARC (CCL17) and/or MDC (CCL22), which comprises administering an effective amount of the bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 27~~ claims 1 to 3.

42. (Currently Amended) A method for treating and/or preventing a disease which is related to T cells, which comprises administering an effective amount of the bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 27~~ claims 1 to 3.

43. (Currently Amended) A method for treating and/or preventing an allergic disease, which comprises administering an effective amount of the bicyclic pyrimidine derivative, or the quaternary ammonium salt thereof, or the pharmaceutically acceptable salt thereof according to any of ~~claims 1 to 27~~ claims 1 to 3.